Sony Ericsson Ref.: U02-0184

C&B Ref. No.: 2002-019

## **CLAIMS**

1. An accessory for a wireless communications device comprising:

a first peripheral device; a system plug that mates with a system connector on

the wireless communications device:

a cord electrically connecting the first peripheral device with the system plug; and

an auxiliary system connector integrally formed with the cord to connect a

second peripheral device.

2. The accessory of claim 1 wherein the auxiliary system connector is disposed along

the cord between the first peripheral device and the system plug.

3. The accessory of claim 1 wherein the auxiliary system connector includes a switch to

selectively connect the first and second peripheral devices.

4. The accessory of claim 3 wherein the switch connects the wireless communications

device to the first peripheral device via a first audio-in path in a first position, and to the

second peripheral device via a second audio-in path in a second position.

5. The accessory of claim 3 wherein the switch connects the wireless communications

device to the first peripheral device via a first audio-out path in a first position, and to the

second peripheral device via a second audio-out path in a second position.

6. The accessory of claim 3 wherein the switch connects the first peripheral device to the

wireless communications device via a first path in a first position, and to the second

peripheral device via a second path in a second position.

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7. The accessory of claim 3 wherein the switch comprises circuitry to automatically

detect the type of peripheral device connected to the auxiliary system connector.

8. The accessory of claim 1 wherein the auxiliary system connector further connects a

third peripheral device.

9. The accessory of claim 1 wherein one of the first and second peripheral devices is a

hands-free headset.

10. The accessory of claim 1 wherein one of the first and second peripheral devices is a

battery charger.

11. The accessory of claim 1 wherein one of the first and second peripheral devices is a

MP3 player.

12. The accessory of claim 1 wherein one of the first and second peripheral devices is a

camera.

13. The accessory of claim 1 wherein one of the first and second peripheral devices is a

flash accessory.

14. The accessory of claim 1 further comprising a second auxiliary system connector

integrally formed with the cord.

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15. A method of connecting accessories to a wireless communications device comprising:

connecting a first accessory to a system connector on the wireless

communications device, wherein the first accessory comprises a cord

interconnecting a first peripheral device and a system plug; and

connecting a second accessory to an auxiliary system plug integrally formed with

the cord interconnecting the first peripheral device and the system plug on

the first accessory.

- 16. The method of claim 15 wherein connecting a first accessory comprises mating the system plug on the first accessory with a system connector on the wireless communications device.
- 17. The method of claim 15 wherein connecting a second accessory comprises mating a system plug on the second accessory with the auxiliary system plug.
- 18. The method of claim 15 further comprising connecting a third accessory to the auxiliary system plug by mating a system plug on the third accessory with the auxiliary system plug.
- 19. The method of claim 15 further comprising switching a source of audio into the wireless communications device from the first accessory to the second accessory.
- 20. The method of claim 15 further comprising switching a source of audio out of the wireless communications device into the second accessory from the first accessory.

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21. The method of claim 15 further comprising switching a source of audio into the first accessory from the wireless communications device to the second accessory.

- 22. The method of claim 15 further comprising automatically detecting the type of peripheral device connected to the auxiliary system plug.
- 23. The method of claim 22 further comprising controlling signals communicated between the wireless communications device and the first or second peripheral devices responsive to the detected peripheral device type.